

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER No.R2-2006-0060

RESCISSION OF SITE CLEANUP REQUIREMENTS (ORDER NO. 98-092) FOR:

HEWLETT PACKARD CORPORATION

for the property located at

3175 BOWERS AVENUE
SANTA CLARA
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter the Board), finds that:

1. **Regional Board Orders:** The Board adopted site cleanup requirements for this site on September 16, 1998 (Order No. 98-092).
2. **Summary of Investigation and Remediation Activities:** Soil and groundwater at this site were contaminated with Volatile Organic Compounds (VOCs) during the late 1970s as a result of leaking underground storage tanks. The tanks were removed in 1985 and a groundwater extraction system was installed in 1986. Groundwater was extracted from 1986 through 1998, removing approximately 47.5 pounds of VOCs. Groundwater extraction was discontinued in 1998 with Water Board approval because the system was no longer cost effective at removing VOCs. Several years of monitoring since the extraction system was shut down show that VOC concentrations are relatively low and the plume is small and stable. Groundwater cleanup goals have been met for most monitoring wells. Other wells have concentrations that slightly exceed cleanup goals. The highest VOC concentrations during the most recent monitoring event in March 2006 were 18 micrograms per liter ($\mu\text{g/l}$) of trichloroethylene (TCE), 27 $\mu\text{g/l}$ of cis-1,2-dichloroethylene (DCE), and 2.0 $\mu\text{g/l}$ of vinyl chloride. For comparison, the maximum contaminant levels considered safe for drinking water are 5 $\mu\text{g/l}$ for TCE, 6 $\mu\text{g/l}$ for DCE, and 1 $\mu\text{g/l}$ for vinyl chloride.
3. **Basis for Rescission:** The groundwater extraction and treatment system has reduced groundwater pollution to asymptotic levels, and future operation of this system will not provide significant reductions in pollutant concentrations. The groundwater system was curtailed in 1998, and subsequent monitoring has shown no evidence of a rebound in VOC concentrations in groundwater. The current groundwater concentrations do not pose

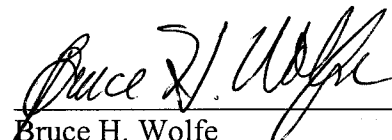
a threat to human health or the environment, except for potential drinking water concerns near the wells that exceed drinking water standards. The shallow groundwater in this area is not currently used for any purposes, nor is it expected to be in the near future. The groundwater chemistry indicates that VOCs are degrading over time, and that drinking water goals will be achieved before groundwater at this site is needed for such purposes. This site meets all criteria for low-risk closure.

4. **CEQA:** This action rescinds an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.
5. **Notification:** The Board has notified the discharger and all interested agencies and persons of its intent under California Water Code Section 13304 to rescind site cleanup requirements for the discharge, and has provided them with an opportunity to submit their written comments.
6. **Public Hearing:** The Board, at a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code, that Order No. 98-092 is rescinded.

IT IS FURTHER ORDERED that the dischargers shall properly close all monitoring and extraction wells consistent with applicable local agency requirements, and shall document such closure in a technical report to be submitted to the Board within 30 days following the completion of closure activities.

I, Bruce H. Wolfe, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 13, 2006.


Bruce H. Wolfe
Executive Officer

FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS ORDER MAY SUBJECT YOU TO ENFORCEMENT ACTION, INCLUDING BUT NOT LIMITED TO: IMPOSITION OF ADMINISTRATIVE CIVIL LIABILITY UNDER WATER CODE SECTIONS 13268 OR 13350, OR REFERRAL TO THE ATTORNEY GENERAL FOR INJUNCTIVE RELIEF OR CIVIL OR CRIMINAL LIABILITY
